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Sound Blaster® Audigy™ 2 ZS
Platinum Pro

Recording and production excellence for the home-studio.

The Sound Blaster® Audigy™ 2 ZS Platinum Pro is the ultimate 7.1 studio solution for musicians and audio enthusiasts. It supports ASIO 2.0 and SoundFont 2.1 and can record up to 6 simultaneous channels at 24-bit/96kHz. It supports 24-bit ADVANCED HD audio at 108dB SNR, and offers musicians extensive digital and analogue connectivity via its External I/O Hub. Breathtaking music playback is assured via Advanced Resolution™ DVD-Audio support at up to 24-bit/192kHz in stereo or 24-bit/96kHz in 5.1, together with full Windows Media 9 compatibility. Superior results in games and movies come from its support for EAX 4.0 ADVANCED HD, Dolby Digital EX and DTS-ES, plus the unique THX Console for precise speaker calibration via the included remote control.

- External I/O Hub delivers optical and coaxial SPDIF, 3 analogue line-ins (or 2 line-ins and 1 mic in), full-size MIDI I/O, headphone output, 2 FireWire connectors and master volume control with push mute.
- 24-bit/96kHz ASIO 2.0 support for high-quality, ultra-low latency recording of up to 6 simultaneous channels.
- Compact remote gives extensive control for playback and navigation of media
- SoundFont 2.1 support allows musicians and audio designers to create custom digital audio sample banks for use in music composition or recordings.
- Unique THX Console allows users to set distance, volume level and angle of each speaker to create the perfect ‘sweet-spot’.
- Extensive utilities include Audio Cleanup, for removal of clicks and background hiss; SVM™, which equalises playback volume across an album or playlist; Crossfading which auto-fades between tracks and CMSS 3D, which allows users to up-mix stereo content to up to 7.1 channels.

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Package Contents

- Sound Blaster® Audigy™ 2 ZS Platinum Pro PCI card
- Audigy™ 2 ZS External I/O Hub with infra-red receiver
- CD SPDIF cable
- Joystick/MIDI bracket
- User Guide (on CD)
- Quick Start Guide Leaflet
- Remote Control with battery
- AD_LINK cable
- Power Converter Cable
- 3.5mm to 1/4” jack adapter
- Creative Driver & Applications CD
- Feature Showcase Demonstration CD
- SoundFont Sample Banks
- Cubasis VST 4.0 CE
- Wavelab Lite 2.0
- FL Studio 4 CE
- Lara Croft Tomb Raider - The Angel of Darkness
- Tom Clancy's Rainbow Six - Raven Shield

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Definition Audio Quality for Playback and Recording

- 24-bit Digital-to-Analog conversion during playback with sampling rates of 8, 11.025, 16, 22.05, 24, 32, 44.1, 48, 64, 88.2 and 96kHz in 7.1 mode and up to 192kHz in stereo mode
- 24-bit Analog to Digital conversion during recording in 8, 16 or 24-bit at sampling rates of 8, 11.025, 16, 22.05, 24, 32, 44.1, 48, 64, 88.2 and 96kHz
- SPDIF (Sony/Philips Digital Interface) input at up to 24-bit/ 96kHz quality
- SPDIF output up to 24-bit at 48 or 96kHz (44.1kHz in stereo)
- ASIO 2.0 drivers for low latency (as low as 2ms) multi-track playback and recording at 16bit/48kHz or 24-bit/96kHz*

* *Latency performance may vary based on system configuration*

Wave-Table Synthesis and Midi Features

- Creative Hardware synthesizer (2x16 channels) with 64-voice polyphony featuring E-MU®'s patented 8-point interpolation technology for accurate sample reproduction
- Creative Software synthesiser - multi timbral wave-table (16 channels)
- 2 MIDI I/O ports (2x16 channels) (gameport adapter required for second MIDI I/O)

FireWire® (IEEE® 1394) Connectivity

- FireWire® (IEEE® 1394) / i-Link® compatible interface with up to 400Mbps transfer rate

Sound Blaster Audigy 2 ZS Platinum Pro On-Board Connectors

- Line level out (Front / Side / Rear / Center / Subwoofer)
- CD SPDIF in
- Aux Audio in
- AD_LINK 1 and AD_LINK 2 connectors
- Power connector
- 15-pin MIDI / Joystick port extension header

Audigy 2 ZS External I/O Hub Front / Rear Panel Connectors

- Headphone Out (1/4" Stereo Jack)
- Line In 1 (1/4" Stereo Jack, shared with Microphone In with Gain Control)
- Line In 2 (1/4" Stereo Jack)
- Line In 3 (2 x RCA Jack)
- Optical SPDIF In/Out
- Coaxial SPDIF In/Out
- Digital Out for 5.1 support (6-channel SPDIF Output to Creative digital speakers)
- 2 x FireWire® (IEEE® 1394) ports
- MIDI In / Out
- Infra-red Receiver
- AD_LINK 1 and AD_LINK 2 connectors

Works with The Following Standards

- Windows 98SE, ME, 2000 SP2 and XP
- Sound Blaster MIDI and General MIDI
- Plug and Play Sound Blaster PCI
- EAX, EAX ADVANCED HD*
- THX®
- Microsoft® DirectSound®, DirectSound 3D & derivatives
- OpenAL™
- PCI 2.2 compliant
- AC '97 compliant
- Dolby Digital & Dolby Digital EX
- DTS Digital Surround® & DTS-ES Extended Surround™
- Meridian Lossless Packing
- ASIO® 2.0 Multi-channel (24-bit/96kHz)
- SoundFont 2.1
- DVD-Audio & Advanced Resolution™ DVD-Audio™
- Windows Media® Audio 9

** Requires online update for EAX 4.0 ADVANCED HD support*

Warranty

- 2-year limited warranty covering parts and labour

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Minimum System Requirements

- Processor: Genuine Intel® Pentium® II, Celeron 350MHz, AMD-K6® 450MHz or faster
- Motherboard: Intel®, AMD® or 100% compatible
- System RAM: 64MB for Windows® 98SE and ME, 128MB for Windows 2000 SP2 and XP
- Hard Disk: 600MB free space
- Operating System: Windows 98SE, ME, 2000 SP2 or XP
- Available PCI 2.1 or higher compliant slot
- Available adjacent slot for Joystick/MIDI bracket (optional)
- Headphones or amplified speakers (available separately)
- CD-ROM or DVD-ROM drive required for software installation

Additional System Requirements for DVD Movies, DVD-Audio, DV Editing, Games and Internet Radio General

- Processor: Genuine Intel® Pentium® III 800 MHz or AMD Athlon™ 1 GHz or faster
- System RAM: 128MB for Windows 98SE and Me, 256MB for Windows 2000 SP3 and XP SP1
- Hard Disk: 4GB free space (Disk Type: ATA 100, 7,200 rpm)

Games

- Graphics Card: DirectX® 9 and OpenGL® compliant 3D accelerator with at least 32MB of texture RAM

DVD-Audio

- Processor: Genuine Intel® Pentium® III or AMD Athlon™ 1 GHz or faster
- Operating System: Windows 98SE, ME, 2000 SP3 or XP SP1

DVD Movies and DVD-Audio

- Soft-DVD player: Intervideo's WinDVD® or CyberLink's PowerDVD® (latest versions) recommended
- DVD Drive: 2nd generation 6X DVD-ROM drive or later with DMA support for DVD Movie and Audio playback

Internet Radio

- Internet: 56kbps modem or faster and an active Internet connection

Setup under Windows 98SE requires the original Microsoft Windows 98SE Installation CD. Games may not work optimally under Windows 2000. Included applications may need higher system requirements or microphone for basic functionality. Refer to individual applications' documentation for details.